Apple Studio Display

Features

Superb screen quality
- 17-inch (16-inch viewable) Natural Flat Diamondtron CRT for sharp text and graphics
- Designed to work with the new Power Mac G4 and Power Mac G4 Cube graphics interface for superb image quality
- High-resolution design with high refresh rates for working comfortably with large documents

Simple setup and operation
- Simple, quick-latch connection to the new Power Mac G4 or Power Mac G4 Cube—no power cord required
- Powerful software for easy control of all screen adjustments
- Built-in two-port USB hub for easy connection of desktop peripheral devices
- Power button to power on, put to sleep, or wake the Power Mac G4 or Power Mac G4 Cube system

Built-in color calibration
- Patented internal calibration for consistent, accurate color over the lifetime of the display
- Support for industry-standard ColorSync profiles for optimal results from other color devices

Stylish design
- Sophisticated design to complement Apple's new Power Mac G4 and Power Mac G4 Cube
- Integrated tilt and swivel for easy adjustment
- Compliance with strict TCO 99 standards for low power consumption, low emissions, and recyclability

With stunning clarity, easy setup, and flawless integration with the new Power Mac G4 or Power Mac G4 Cube, the Apple Studio Display gives you a new perspective on just how innovative a display can be. Beautiful styling and superb fidelity make this display the perfect choice for work and play.

The Apple Studio Display delivers unprecedented ease of setup, thanks to the ingenious Apple Display Connector, which creates a single connection between your Macintosh system, the display, and your peripherals. It's easy to configure, too. Intuitive software controls make it simple to set your display functions just the way you like. Two USB ports let you add desktop peripherals quickly and easily. Pair the Apple Studio Display with the new Power Mac G4 Cube or Power Mac G4, and you'll have one of the most tightly integrated, elegantly designed systems ever created.

But what really stands out about this display is its excellent image quality. The Apple Studio Display takes advantage of the 17-inch (16-inch viewable) Natural Flat Diamondtron CRT with its ultrafine aperture grille pitch. The screen is flat both vertically and horizontally, eliminating edge distortion, improving focus, and reducing glare for increased productivity.

Another important feature of the Apple Studio Display is its ability to maintain color accuracy over its lifetime. Using a patented internal measurement system, the monitor adjusts its electron beam over time to maintain the precise calibrations made at the factory. And because it stores its own ColorSync profiles, the Apple Studio Display can exchange accurate color information with the other devices in your production process, creating color consistency that directly translates into fewer trial-and-error stages when you output color documents.

Finally, watch the Apple Studio Display steal the show. Whenever you watch an iMovie, DVD, or QuickTime movie, our innovative Theater Mode goes to work, automatically brightening the screen for enhanced viewing—and an incredible cinematic experience.

The Apple Studio Display. See things in a new light.

The Apple Studio Display combines great performance with unprecedented ease of use.

Ordering Information

Apple Studio Display
Order No. M7770ZM/A

For More Information

For more information about this product, or to find out where to buy Apple products, visit www.apple.com/hardware on the World Wide Web or call 800-538-9696. To purchase products from the Apple Store, go to www.apple.com/store.

Visit the Macintosh Products Guide at www.apple.com/guide for the latest information on more than 17,000 hardware and software products for your new computer.

Apple offers a free suite of Internet services, including iReview, iCards, and iTools, to help you get more out of using the web. Visit www.apple.com to sign up.

Safeguard your Apple Studio Display for three full years with the optional AppleCare Protection Plan. You'll benefit from a host of services, including powerful diagnostic software tools, online support, regular email updates, and Apple's toll-free helpline. And for most problems, no problem: We'll fix your hardware for the next three years. You have the assurance of being helped by Apple certified technicians using genuine Apple parts—and the reassurance of knowing that your Apple Studio Display is covered. For more information, visit www.apple.com/support.

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Technical Specifications

Screen size and type
- 17-inch (diagonal) Natural Flat Diamondtron CRT
- 16-inch (diagonal) viewable image size
- Ultrafine 0.25-mm aperture grille pitch

Resolutions and refresh rates
- 640 by 480 pixels at 153 Hz
- 800 by 600 pixels at 125 Hz
- 832 by 624 pixels at 120 Hz
- 1024 by 768 pixels at 99 Hz
- 1056 by 792 pixels at 96 Hz
- 1280 by 1024 pixels at 75 Hz
- 1600 by 1200 pixels at 65 Hz

Scanning rates
- 80 kHz (horizontal)
- 60 to 160 Hz (vertical)

User controls (hardware and software)
- System startup/sleep
- Contrast
- Degauss
- Horizontal size and centering
- Vertical size and centering
- Horizontal and vertical convergence
- Rotation
- Pincushion
- Keystone
- Parallelogram
- Bow

Color controls
- Internal calibration system
- Gamma curve adjustment
- Completely variable white-point selection (4,100K to 9,300K)
- Designed for optimal reproduction of PANTONE colors

Screen treatment
- High-contrast, antireflective, antistatic coating

Connectors and cables
- Apple Display Connector carries analog video, USB, and power
- Two-port self-powered USB hub (support for Power Mac G4 Cube speakers)

Electrical requirements
- Line voltage: 28V DC ± 1.5V
- Power: 113W (maximum) when operating; 35W or less when system is in energy-saver mode

Agency approvals
- FCC Part 15 Class B
- EN55022 Class B
- EN50082-1
- VCCI Class 2
- AS/ANZ 3548 Class B
- CNS 13438 Class B
- ICES-003 Class B
- MPR II
- IEC 950
- UL1950
- CSA 950
- EN60950
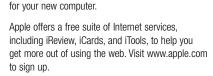- U.S. EPA ENERGY STAR
- TCO 99

Environmental requirements
- Operating temperature: 50° to 95° F (10° to 35° C)
- Storage temperature: 32° to 140° F (0° to 60° C)
- Operating humidity: 20% to 95% noncondensing
- Storage humidity: 5% to 95% noncondensing
- Operating altitude: 0 to 10,000 feet (0 to 3,048 m)

Size and weight
- Height: 18.7 inches (47.5 cm)
- Width: 17.0 inches (43.2 cm)
- Depth: 17.4 inches (44.4 cm)
- Weight: 45.8 pounds (20.7 kg)

System requirements
- A Power Mac G4 Cube or Power Mac G4 with Apple Display Connector

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